

I CLAIM:

1. A universal compressor assembly comprising:
 - a shell including a cylinder provided therein,
 - a shaft rotatably and slidably received in said cylinder and
 - 5 including a cam member disposed thereon,
 - at least three pistons slidably received in said cylinder of said shell and engageable with said cam member, to alternatively actuate said shaft to move axially relative to said cylinder,
 - two valve plates disposed on ends of said cylinder to control
 - 10 fluid flowing passage,
 - a first cover and a first cap selectively secured onto said ends of said cylinder of said shell, to enclose and retain said shaft and said pistons and said valve plates within said cylinder, and for attaching to one vehicle, and
 - 15 at least one second cover and at least one second cap for selectively securing onto said ends of said cylinder, to enclose and retain said shaft and said pistons and said valve plates within said cylinder of said shell, and for attaching to the other vehicles when said first cover and said first cap are disengaged from said ends of
 - 20 said cylinder of said shell.
2. The universal compressor assembly as claimed in claim 1 further comprising at least one third cover and at least one third cap selectively secured to said ends of said cylinder of said shell, to enclose and retain said shaft and said pistons and said valve plates
- 25 within said cylinder of said shell, and to attach to the other vehicles when said first cover and said first cap are disengaged from said ends of said cylinder of said shell.